

AQUEOUS DISPERSION OF SILICONE RUBBER PARTICLE

View detailed description
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Abstract of JP63309565

PURPOSE: To obtain the title aqueous dispersion excellent in storage stability and useful as a mold release or a lubricant, by mixing water with silicone rubber particles of a specified average particle diameter and a surfactant. CONSTITUTION: Silicone rubber particles (B) of an average particle diameter of 0.1-1,000μm, preferably, 0.5-20μm are obtained by dispersing a liquid addition-curing silicone rubber composition (a) comprising an organopolysiloxane (i) having at least two alkenyl groups in the molecule, an organohydrogenpolysiloxane (ii) having at least two Si-bonded atoms in the molecule and a platinum compound catalyst (iii) in water (c) as fine particles in the presence of, optionally, a surfactant (b) and heating the formed dispersion. 100pts.wt. water (A) is mixed with 1-35pts.wt. component B and 0.05-10pts.wt. surfactant (C).

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